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OK

# WATER QUALITY MEMORANDUM

Utah Coal Regulatory Program

August 23, 2010

TO: File

THRU: James D. Smith, Permit Supervisor

FROM: April A. Abate, Environmental Scientist II *gaa 8/24/2010*

SUBJECT: 2010 First Quarter Water Monitoring, Andalex Resources, Centennial Mine, C/007/0019, Task ID #3471

The Centennial Mine is currently in temporary cessation. No mining or coal processing activities currently take place there, nor is the site in active reclamation. Sections 711.300 pages 7-2 through 7-10 and Appendix L of the MRP pertain to water monitoring. Water sampling locations are shown on Figure IV-11.

## 1. Were data submitted for all of the MRP required sites?

**Springs** YES ☒ NO ☐

All of the springs were either inaccessible or not flowing.

**Streams** YES ☒ NO ☐

All of the streams were either inaccessible or not flowing. Stream sample 18-3 at the left fork of Deadman wash has not flowed since May 2008, which was right around the same time the mine shut down. Stream sample 18-4 has not flowed since 2005. Both locations are surface water points located below the mine.

**Wells** YES ☒ NO ☐

Well #1 was sampled during the 1<sup>st</sup> quarter of 2010.

**UPDES** YES ☒ NO ☐

All UPDES locations were monitored monthly in accordance with the permit. No discharge from any of the sample locations was reported for the first quarter of 2010. Discharge has not been reported from any of the UPDES locations since June 2008, which was right around the same time the mine shut down.

**2. Were all required parameters reported for each site?**

**Springs**

YES ☐ NO ☐

Not applicable this quarter.

**Streams**

YES ☐ NO ☐

Not applicable this quarter.

**Wells**

YES ☒ NO ☐

**UPDES**

YES ☐ NO ☐

Not applicable this quarter.

**3. Were any irregularities found in the data?**

**Springs and Pond**

YES ☐ NO ☐

Not applicable this quarter.

**Streams**

YES ☐ NO ☐

Not applicable this quarter.

**Wells**

YES ☐ NO ☒

**UPDES**

YES ☐ NO ☐

Not applicable this quarter.

**4. Did the Permittee make a timely submittal of all data, including initially missing data, and satisfactorily explain irregular data?**

YES ☒ NO ☐

5. Does the Mine Permittee need to submit more information to fulfill this quarter's monitoring requirements? YES ☐ NO ☒

6. Based on your review, what further actions, if any, do you recommend?

The consultant for the Centennial mine contacted the Division indicating that they would be collecting survey data from Well #1. Please update the Division on whether or not wellhead elevation datum is available.

7. Follow-up from last quarter, if necessary.

None

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